



TITLE OF THE INVENTION

METHOD FOR DISPLAYING RESULTS OF HYBRIDIZATION EXPERIMENT

5 This application claims priority to Japanese Application
Serial No. 2000-70915, filed March 14, 2000.

BACKGROUND OF THE INVENTION

1. FIELD OF THE INVENTION

 The present invention relates to a method for displaying
10 results of hybridization experiments in which a biochip is used
to hybridize a sample biopolymer with a probe biopolymer with a
known sequence.

2. DETAILED DESCRIPTION OF THE PRIOR ART

 Biochips, also known as DNA micro arrays, have been
15 developed to simultaneously quantify various biopolymer
species, such as DNA sequences, that are present in a sample in
different volumes. The technology is overviewed in Vivian G.
Cheung et al., "Making and reading microarrays," *Nature*
Genetics Supplement, vol.21, January 1999.

20 In a typical biochip technique, different probe biopolymers,
for example, DNA molecules, are immobilized on a surface of a
support such as glass slides and, through hybridization,
selectively bind to different labeled biopolymers, for example,
DNA sequences, in a sample. Specific sample biopolymers can be
25 quantified based on the amounts of markers that have been
selectively coupled to the probe biopolymers via sample
biopolymers hybridized to the probe biopolymers. This
principle makes it possible to quantify many different sample